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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/542,908	04/04/2000	Hideto Yasuda	21. 1958/MS	6091

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EXAMINER

DADA, BEEMNET W

ART UNIT	PAPER NUMBER
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2135

DATE MAILED: 07/12/2004

9

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/542,908

Applicant(s)

YASUDA ET AL.

Examiner

Beernnet W Dada

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 19 April 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 6,8 and 11-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 6,8 and 11-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### DETAILED ACTION

1. Claims 1-5, 7, 9, 10, and 14-20 have been cancelled, claims 6, 8, and 11-13 are amended on amendment filed on 4/19/04. Claims 6, 8, and 11-13 have been examined.

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 6, 8 and 11 are rejected under 35 U.S.C. 102(e) as being anticipated by Keathley et al (hereinafter refereed to as Keathley) (US Patent No. 6,247,129 B1).

4. As per claim 6, Keathley teaches a process of user authentication, comprising:

executing a web browser processing a protected web page received from the network (i.e., initiating a request by selecting a link within a web browser, in response the server requesting authentication information) [column 5, lines 53-63].

storing on an integrated circuit card a certificate to access the protected web page and characteristic identifying information of a user associated with the received protected web pages (i.e., storing on an integrated circuit card authentication information

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needed to continue access to the selected link within the browser) [column 5, lines 35-37, column 6, lines 10-15, and lines 35-45];

reading by an integrated card reader the integrated circuit, in response to receipt of the protected web page by the web browser [column 5, lines 57-67 and column 6, lines 35-45];

comparing identifying information input by the user with the characteristic identifying information of the user stored in the integrated circuit card [column 6, lines 50-60]; and

in response to the comparing, providing the certificate stored on the integrated circuit card to the web browser to access the received protected web page (i.e. if pin entry was successful, continue with the process and further provide the certificate) [column 7, lines 62-67, lines 33-36 and column 4, lines 44-50, lines 60-65].

5. As per claim 8, Keathley teaches an integrated circuit card storing authentication information used to authenticate a user, comprising:

an interface unit exchanging information with an external device [column 4, lines 15-24, and column 6, lines 47-60];

a memory unit storing certificates to access protected web pages processed by the external device [column 4, lines 20-23, lines 40-50];

a comparing unit comparing identifying information received from the external device with the stored characteristic identifying information of the user [column 6, lines 47-60];

a processor unit supplying one of the certificates to the external device to access a corresponding one of the protected web pages received by the external device, in response to a result of the comparing (i.e. if pin entry was successful, continue with the

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process and further provide the certificate) [column 7, lines 62-67, lines 33-36 and column 4, lines 44-50, lines 60-65].

6. As per claim 11, Keathley teaches a user authentication computer system, comprising:

a computer, comprising:

an integrated circuit card reader [fig 2, unit 106];

a programmed computer processor communicating with a network and executing a web browser processing a protected web page received from the network (note that a link to merchant server within a web browser requires user authentication using certificates) [figure 2, and column 5, lines 50-63];

an integrated circuit read by the integrated circuit card reader and storing a certificate to access the protected web page and characteristic identifying information of a user associated with the web page [column 5, lines 57-67 and column 6, lines 35-45], and storing at least one program performing a process comprising:

comparing identifying information input by the user with the user characteristic identifying information stored on the integrated circuit card [column 6, lines 50-60];

in response to the comparing, providing the stored certificate to the web browser to access the received protected web page [column 7, lines 62-67, lines 33-36 and column 4, lines 44-50, lines 60-65].

***Claim Rejections - 35 USC § 103***

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7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 12-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Keathley (US Patent No. 6,247,129 B1).

9. As per claims 12 and 13, Keathley teaches the system as applied to claim 11 above. Furthermore, Keathley teaches the system, wherein the computer further comprising a display unit [figure 2, unit 224] and the integrated circuit card program further performs:

displaying on the display unit selectable names of protected applications as protected web pages (displaying a link within a browser to a secure merchant server), [column 5, lines 53-63] and comparing user identification information in the integrated circuit (comparing users pin in the integrated circuit) [column 6, lines 47-60] and storing in the integrated circuit card information about protected applications [column 6, lines 17-25]; and

providing of the stored certificates comprises providing one of a plurality of certificates stored on the integrated circuit card and corresponding to a selected one of the protected applications by the user to the web browser to access the selected protected application [column 5, lines 33-38 and column 4, lines 44-50, lines 60-65].

Keathley does not explicitly teach displaying on the display unit selectable names of protected applications as protected web pages, if a result of the comparing of the user

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identifying information is matching. Keathley teaches displaying a link within a browser to a secure merchant server for initiating a purchase request [column 5, lines 53-63], and comparing user identification information in the integrated circuit (comparing users pin in the integrated circuit) [column 6, lines 47-60], and continuing process with secure web site if comparing of user information is valid [column 6, lines 60-67]. It would have been obvious to one having ordinary skill in the art at the time the invention was made to display selectable names of protected applications as protected web pages, if a result of comparing user identifying information is matching, in order to further secure the system by continuing process with secure web site if comparing of user information is valid as per teachings of Keathley [column 6, lines 60-67].

### ***Response to Arguments***

10. Applicant's arguments with respect to claim 6, 8 and 11-13 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Beemnet W Dada whose telephone number is (703) 305-8895. The examiner can normally be reached on Monday - Friday (8:30 am - 6:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y Vu can be reached on (703) 305-4393. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Beemnet Dada

June 28, 2004



KIM VU  
SUPERVISORY PATENT EXAMINER  
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